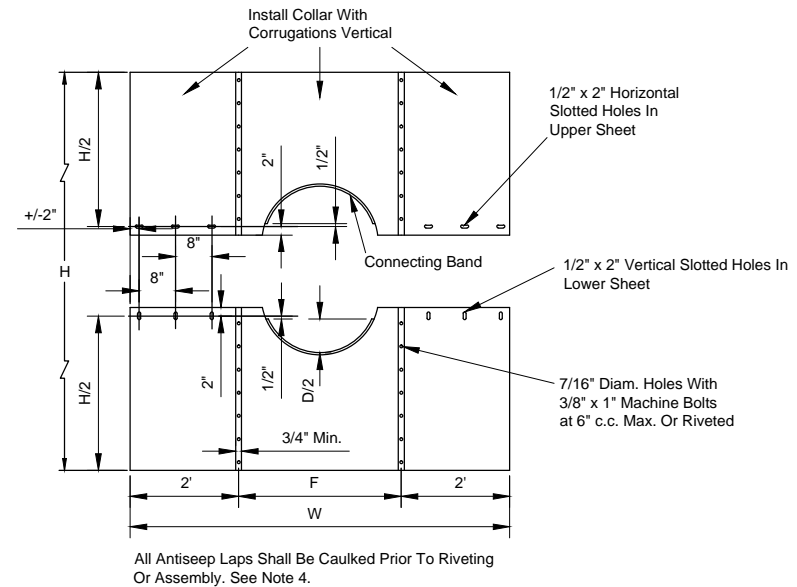
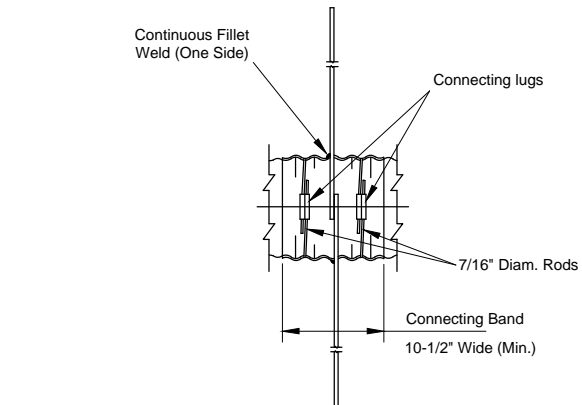


NOTES FOR CORRUGATED METAL PIPE (C.M.P.)

1. The type corrugated metal pipe to be used shall be:
 - Coated corrugated steel pipe in conformance with NRCS material specification 551, or
 - Aluminum corrugated pipe in conformance with NRCS material specification 552.
2. The corrugated metal pipe shall be Type _____ with (annular) (helical) corrugations. The corrugations shall be "____" x "____". The pipe shall be "____" diameter with ____ gage thickness. Type of coating for the pipe shall be _____.
3. The pipe shall be equipped with a minimum of four re-rolled annular corrugations compatible with the water tight coupling band except where a mitered end is specified.
4. The coupling bands shall be the same material and coating as the pipe and shall be ____ gage thickness. All coupling bands shall be water tight and shall be annular corrugated bands with a 12 in. wide continuous neoprene gasket. Each coupling band shall be connected to the pipe by a minimum of four (4) galvanized silo rods and tank lugs. Width of coupling bands shall be 24 in.
5. Neoprene gaskets shall be 3/8 in. thick, have an unstretched diameter 10% less than the nominal pipe size and shall comply with ASTM D-1056, Grade SCE-43.

| Minimum Dimensions for C.M. Pipe Antiseep Collars (in inches) | | | |
|---|--------------------|-----|-----|
| | Nominal Dimensions | | |
| Pipe Diam. D | F | W | H |
| 8 | 18 | 66 | 66 |
| 10 | 18 | 66 | 66 |
| 12 | 24 | 72 | 72 |
| 15 | 27 | 75 | 75 |
| 18 | 30 | 78 | 78 |
| 21 | 33 | 81 | 81 |
| 24 | 36 | 84 | 84 |
| 30 | 42 | 90 | 90 |
| 36 | 48 | 96 | 96 |
| 42 | 54 | 102 | 102 |
| 48 | 60 | 108 | 108 |
| | | | |

* Nominal dimensions shown may be used for any pipe diameter listed.



ANTI-SEEP COLLAR DETAILS

1. See profile along centerline of principal spillway, sheet ____ of ____, for the location and spacing of the antiseep collars.
2. Unassembled antiseep collars shall be marked by painting or tagging to identify matching pairs.
3. For annular pipe, the connecting bands shall be fabricated from corrugated metal. A dimpled band or a band fabricated from smooth steel shall be used for helical pipe.
4. The laps between all sections of the antiseep collar and between the pipe and connecting band shall be caulked with a heavy coat of fibrated mastic or a neoprene gasket. Use latex caulk for openings greater than 1/8 inch.
5. Each antiseep collar shall be furnished with either two 7/16" diameter rods with standard connecting lugs or a two-piece dimpled coupling band with 2" x 2" x 3/16" angles and 1/2" x 4-1/2" carriage bolts.
6. Use 3/8" x 1" machine bolts to connect the upper and lower halves of the antiseep collar.
7. For pipe diameters of 8" to 30", iron or steel collar thickness shall be 0.064", (16 Gage), or aluminum alloy shall be 0.060". For pipe diameters of 36" to 48", iron or steel collar thickness shall be 0.079", (14 Gage), or aluminum alloy shall be 0.075".

| | |
|----------------|------------|
| Designed _____ | Date _____ |
| Drawn _____ | |
| Checked _____ | |
| Approved _____ | |

Corrugated Metal Pipe Details



United States
Department of
Agriculture

Natural Resources
Conservation Service

File No.
FL-378C.dwg

Drawing No.

Sheet 1 of 1

| | |
|----------------------------------|--------------|
| CORRUGATED METAL PIPE DETAILS | |
| STANDARD DWG. NO. | FL-378C |
| DATE: | SHEET 1 OF 1 |

| REVISIONS | | |
|-----------|----------|-------|
| DATE | APPROVED | TITLE |
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